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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

TECHNICAL NOTE

Filing Code 7420
Date Issued 7/15/72

Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

FLOAT VALVE TANK

Numerous questions have been raised by field personnel regarding problems concerning float valves located in watering troughs. Mr. Dick Holland of the Carson City District Office, Nevada, has installed and tried out a buried float valve tank for the past two years. It has worked out satisfactorily and with no maintenance problems in the short time it has been tried.

Advantages.

1. Removed from the trough prevents easy accessibility for tampering or damage by livestock.

2. Buried tank prevents freezing of float valve.

Disadvantages.

1. Not as easily accessible for maintenance.

2. Slightly more costly.

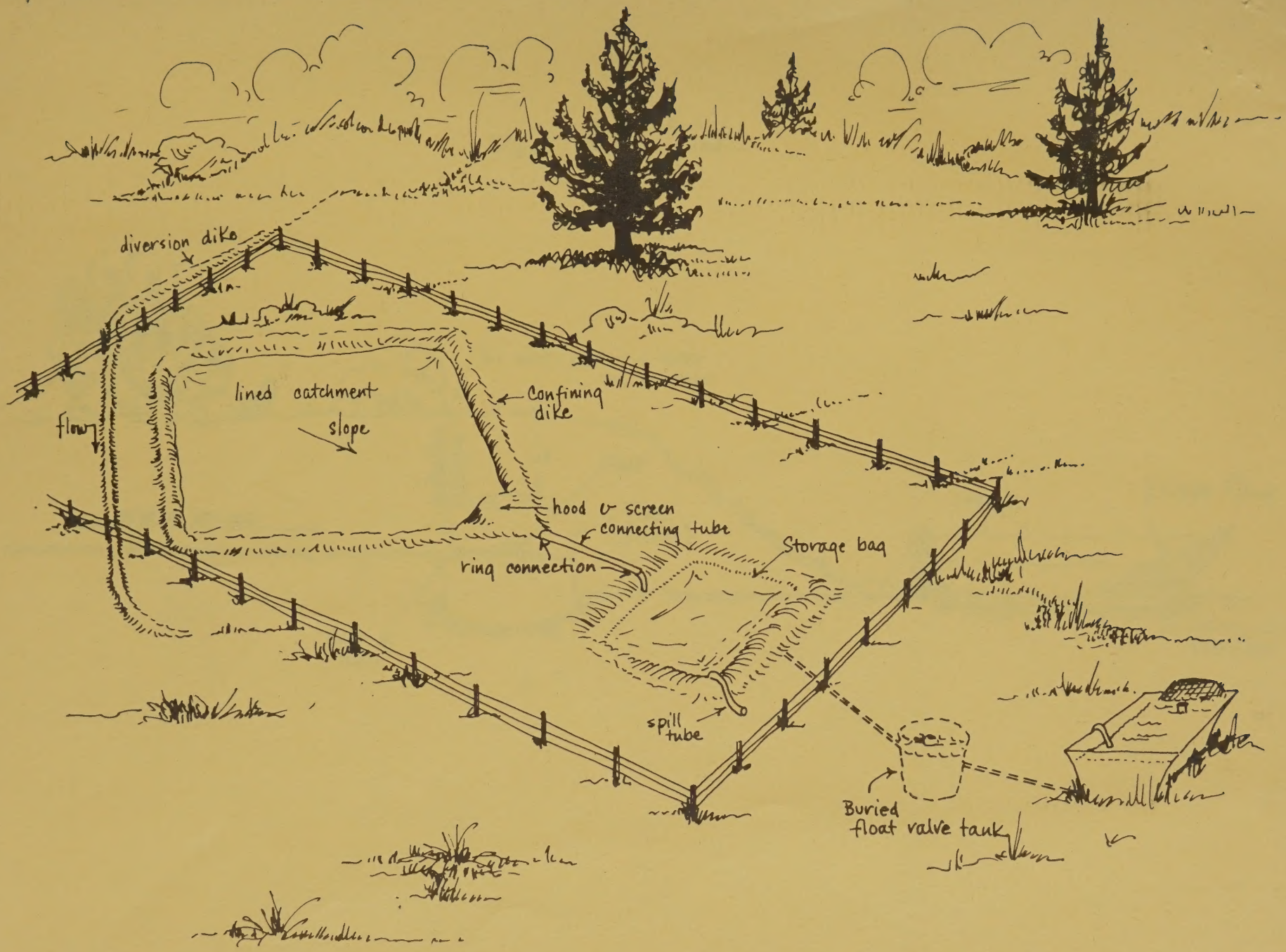
3. Not easily relocatable unless a good location plat is in the project file.

4. Not usable on flat terrain.

Prefabricated tanks are available from various commercial sources such as Consolidated Metal and Cal-Cut, Bakersfield, California. Their tanks were originally made for pressure relief tanks in plastic pipelines but will work nicely for the "Float Valve Tank."

If you have any additional questions, please contact Dick Holland, FTS (702) 784-5911, (702) 882-1631, or Carl Rice, FTS (503) 234-4113.

FOR ADDITIONAL COPIES WRITE TO DIRECTOR, PORTLAND SERVICE CENTER, BOX 3861, PORTLAND, ORE., 97208


diversion dike
lined catchment
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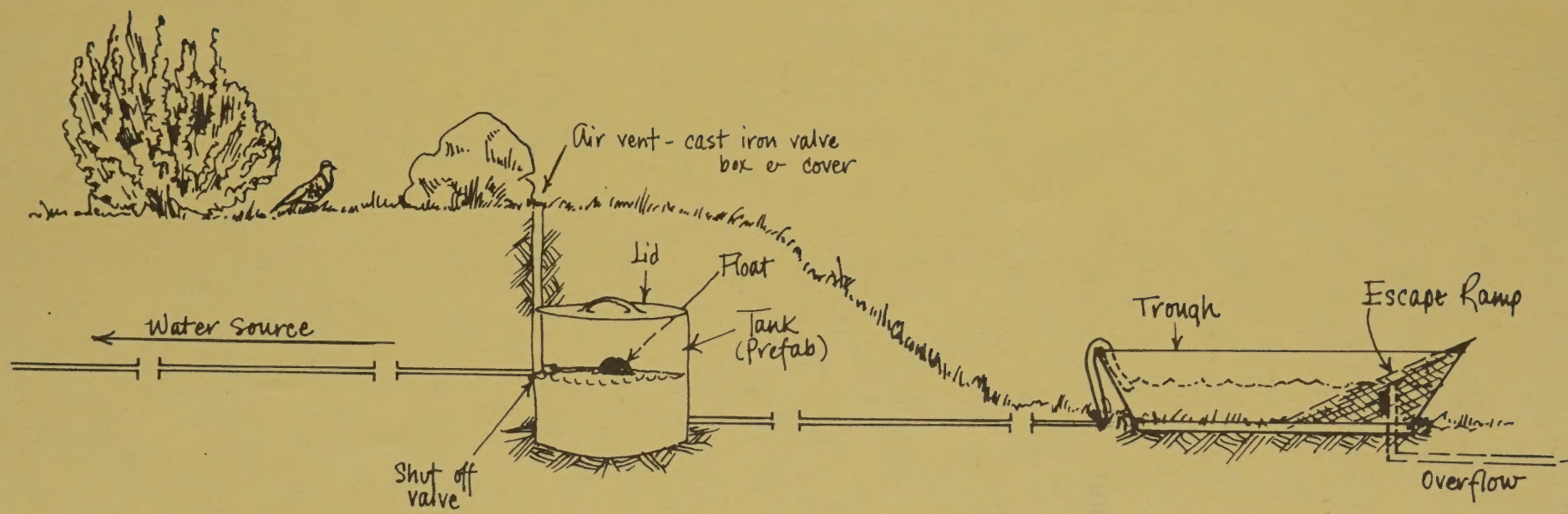
flow
Confining dike
hood & screen
connecting tube
ring connection
Storage bag
spill tube
Buried float valve tank

Float Valve Tank



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